



MAR 5 2003

Certificate

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Please type a plus sign (+) inside this box → ☐

of Correction

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/228,845 Pat. No. 6,325,424B1
	Filing Date	01/12/1999 Issued 12/04/2001
	First Named Inventor	Paul Metcalfe et al
	Group Art Unit	3627
	Examiner Name	E. Nicholson
	Total Number of Pages in This Submission	Attorney Docket Number

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): CERTIFICATE OF CORRECTION (35 USC § 254 & 255, 37 CFR 1.322 & 1.323)
Remarks		APPROVED MAY 16 2003 FOR THE DIRECTOR OF USPTO

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	H. Duane Switzer
Signature	<i>H Duane Switzer</i>
Date	Feb. 19, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 02/19/2003			
Typed or printed name	H. Duane Switzer		
Signature	<i>H Duane Switzer</i>	Date	Feb 19, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**100.00**

Complete if Known

Application Number	09/228,845 PAT. NO. 6,325,424 B1
Filing Date	01/12/1999 Issued 12/04/2001
First Named Inventor	Paul Metcalfe et al
Examiner Name	E. Nicholson
Art Unit	3627
Attorney Docket No.	427600800004

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

501432

Jones Day

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

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FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	740	2001	370	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	510	2003	255	Plant filing fee	
1004	740	2004	370	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims		-20** =			
Independent Claims		-3** =			
Multiple Dependent					

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	400	2252	200	Extension for reply within second month	
1253	920	2253	460	Extension for reply within third month	
1254	1,440	2254	720	Extension for reply within fourth month	
1255	1,960	2255	980	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,280	2453	640	Petition to revive - unintentional	
1501	1,280	2501	640	Utility issue fee (or reissue)	
1502	460	2502	230	Design issue fee	
1503	620	2503	310	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	740	2809	370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	740	2810	370	For each additional invention to be examined (37 CFR 1.129(b))	
1801	740	2801	370	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Certificate of design application (35 USC § 254 & 255, 37 CFR 1.322 & 1.323)					100
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$) 100.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	H. Duane Switzer	Registration No. (Attorney/Agent)	22,431	Telephone	216-586-7283
Signature	<i>H Duane Switzer</i>	Date	Feb. 19, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): : Paul Metcalfe, Craig A. Homberg and
Walter G. Lockard

Serial No. : 09/228,845

Filed : January 12, 1999

For : COUPLING ASSEMBLY HAVING ENHANCED
AXIAL TENSION STRENGTH

Patent No. : 6,325,424 B1

Issued : December 4, 2001

Attorney Docket No. : 427600800004

Commissioner for Patents
Washington, D. C. 20231

I hereby certify that this correspondence
is being deposited today with the United
States Postal Service as first class mail in
an envelope addressed to: Assistant
Commissioner for Patents Washington,
D.C. 20231

on Feb. 19, 2003
By: H. D. Smith

**Attention: Certificate of Correction Branch
of the Patent Issue Division**

CERTIFICATE OF CORRECTION
(35 USC § 254 and 255, 37 CFR 1.322 and 1.323)

Sir:

Correction of this patent is requested as indicated on the enclosed Certificate of
Correction.

Copies are enclosed of the corrected pages of the patent showing the changes in
red.

Claims 3 and 5 are exact duplicates, and there is no antecedent basis in parent
claim 1 for the recited sealing ring. These errors are corrected in claim 3 by changing the
dependency from claim 1 to claim 2. These errors are corrected in claim 5 by providing an

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antecedent basis for the recited sealing ring. See the corrections to column 8 on the attached Certificate of Correction.

Claim 7 depends from claim 5 and recites "said locking strap" which has no antecedent basis in parent claim 5. This is corrected by changing the dependency of claim 7 from claim 5 to claim 6. See the correction to column 9, line 8, on the enclosed Certificate of Correction.

Claim 9 depends from claim 7 and purports to add the recitation of a sealing ring that already is recited in lines 55-60 of column 8 in parent claim 6 from which claim 7 depends. In addition, independent claim 8 separates dependent claim 9 from its parent claim 7. These errors are corrected by changing the dependency of claim 9 from claim 7 to claim 8. See the correction to column 10 on the attached Certificate of Correction.

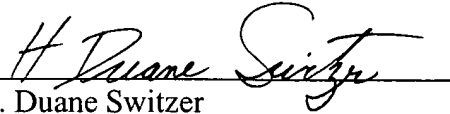
Claim 14 depends from claim 7 and purports to add the recitation of a sealing ring that already is recited in parent claim 6 at lines 55-60 of column 8. Also, independent claims 8, 10 and 12 separate claim 14 from claim 7. These errors are corrected by changing the dependency of claim 14 from claim 7 to claim 13.

The other errors that are corrected on the attached Certificate of Correction are printing or typographical errors.

A check for \$100.00 is enclosed to cover the correction fee under 37 CFR 1.20(a). Please charge additional fees or credit overpayment to deposit Account No. 501432. A duplicate

copy of this sheet is attached.

Respectfully submitted,

A handwritten signature in cursive script, reading "H Duane Switzer", written over a horizontal line.

H. Duane Switzer

Reg. No. 22,431

JONES DAY

North Point

901 Lakeside Avenue

Cleveland, OH 44114-1190

216-586-7283

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,325,424 ^{B1}
DATED : December 4, 2001
INVENTOR(S) : Metcalfe et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 21, change "chamberedend" to -- chamfered end --. *C*

Column 8, line 3, change "1" to -- 2 --. *C*

Column 8, line 7, change "1" to -- 2 --. *C*

Column 9, line 8, change "5" to -- 6 --. *C*

Column 9, line 54, change "scaling" to -- sealing --. *C*

Column 10, line 10, change "7" to -- 8 --. *O*

Column 11, line 9, change "scaling" to -- sealing --. *C*

Column 12, line 19, change "position" to -- portion --. *C*

Column 12, line ³⁷~~34~~, before the first instance of "second" insert
-- said --. *C*

Column 12, line ³⁸~~36~~, change "Outer" to -- outer --. *C*

Column 12, line ⁵²~~48~~, change "position" to -- portion --. *C*

Column 12, line ⁵⁶~~54~~, change "scaling" to -- sealing --. *C*

Column 12, line ⁶⁰~~58~~, change "scaling" to -- sealing --. *C*

Column 14, line 1, change "7" to -- 8 --. *O* *✓*

MAILING ADDRESS OF SENDER:

H. Duane Switzer
Jones, Day, Reavis & Pogue
North Point
901 Lakeside Avenue
Cleveland, Ohio 44114

PATENT NO. 6,325,424

No. of additional copies



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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,325,424 B1
DATED : December 4, 2001
INVENTOR(S) : Metcalfe et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7,

Line 21, change "chamberedend" to -- chamfered end --.

Column 8,

Lines 3 and 7, change "1" to -- 2 --.

Column 9,

Line 8, change "5" to -- 6 --.

Line 54, change "scaling" to -- sealing --.

Column 10,

Line 10, change "7" to -- 8 --.

Column 11,

Line 9, change "scaling" to -- sealing --.

Column 12,

Line 19, change "position" to -- portion --.

Line 37, before the first instance of "second" insert -- said --.

Line 38, change "Outer" to -- outer --.

Line 52, change "position" to -- portion --.

Lines 56 and 60, change "scaling" to -- sealing --.

Column 14,

Line 1, change "7" to -- 8 --.

Signed and Sealed this

Sixteenth Day of July, 2002

Attest:



Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,325,424 B1
DATED : December 4, 2001
INVENTOR(S) : Metcalfe et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7,

Line 22, change "chamferedend" to -- chamfered end --.

Column 8,

Line 3, change "1" to -- 2 --.

Lines 5 and 12, before "groove" insert -- ring --.

Line 10, change "wherein said" to -- including a --; same line, change "has" to -- having --.

Column 9,

Line 8, change "5" to -- 6 --.

Line 56, change "scaling" to -- sealing --.

Column 10,

Line 10, change "7" to -- 8 --.

Column 11,

Line 9, change "scaling" to -- sealing --.

Column 12,

Lines 20 and 52, change "position" to -- portion --.

Line 37, before the first instance of "second" insert -- said --.

Line 38, change "Outer" to -- outer --.

Lines 56 and 59, change "scaling" to -- sealing --.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,325,424 B1
DATED : December 4, 2001
INVENTOR(S) : Metcalfe et al.

Page 2 of 2

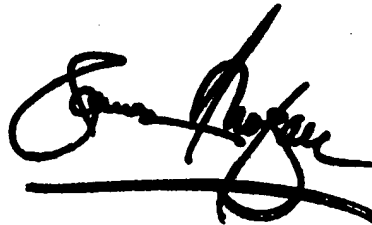
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 14,
Line 1, change "7" to -- 13 --.

This certificate supersedes Certificate of Correction issued July 16, 2002.

Signed and Sealed this

Third Day of June, 2003

A handwritten signature in black ink, appearing to read "James E. Rogan", with a horizontal line drawn underneath it.

JAMES E. ROGAN
Director of the United States Patent and Trademark Office